

Form PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAtty. Docket No.  
10464ASerial No. 09/522716  
Unassigned  
AU 1642LIST OF PRIOR ART  
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Edward P. CohenFiling Date  
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1642

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EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA	5,674,486	10/7/97	Sobol et al.			
	AB	5,750,102	5/12/98	Eisenbach et al.			
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	D.L. Shawler et al. (1997) "Gene Therapy Approaches to Enhance Antitumor Immunity" <i>Advances in Pharmacology</i> 40: 309-337
	AR	T. Boon et al. (1992) "Identification of Tumour Rejection Antigens Recognized By T-Lymphocytes" <i>Cancer Surveys</i> 13: 23-37
	AS	T. Boon (1993) "Tumor Antigens Recognized By Cytolytic T Lymphocytes: Present Perspectives for Specific Immunotherapy" <i>Int. J. Cancer</i> 54: 177-180
	AT	T. Boon (1992) "Toward a Genetic Analysis of Tumor Rejection Antigens" <i>Advances in Cancer Research</i> 58: 177-209
	AU	J. Vieweg and E. Gilboa (1995) "Considerations for the Use of Cytokine-Secreting Tumor Cell Preparations for Cancer Treatment" <i>Cancer Investigation</i> : 13 (2): 193-201
	AV	K.M. Hui et al. (1989) "Tumor Rejection Mediated by Transfection With Allogeneic Class I Histocompatibility Gene" <i>The Journal of Immunology</i> 143 (11): 3835-3843

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	AP	S. Ostrand-Rosenberg et al. (1991) "Tumor-Specific Immunity Can Be Enhanced By Transfection of Tumor Cells With Syngeneic MHC-Class-II Genes or Allogeneic MHC-Class-I Genes" <i>Int. J. Cancer</i> 6 (Supp.): 61-68
	AR	J.A. Roth and R.J. Cristiano (1997) "Gene Therapy for Cancer: What Have We Done and Where Are We Going?" <i>Journal of the National Cancer Institute</i> 89 (1): 21-39
	AS	T.S. Kim and E.P. Cohen (1994) "MHC Antigen Expression By Melanomas Recovered From Mice Treated With Allogeneic Mouse Fibroblasts Genetically Modified for Interleukin-2 Secretion and the Expression of Melanoma-associated Antigens" <i>Cancer Immunol. Immunother.</i> (1994) 38: 185-193
	AT	T.S. Kim et al. (1992) "Immunity to B16 Melanoma in Mice Immunized With IL-2-secreting Allogeneic Mouse Fibroblasts Expressing Melanoma-associated Antigens" <i>Int. J. Cancer</i> 51: 283-289
	AU	E.P. Cohen and T.S. Kim (1994) "Neoplastic Cells That Express Low Levels of MHC Class I Determinants Escape Host Immunity" <i>Seminars in Cancer Biology</i> 5: 419-428
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<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  (Use several sheets if necessary)				Applicant Edward P. Cohen			
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	AP	T. Itaya et al. (1987) "Xenogenization of a Mouse Lung Carcinoma (3LL) By Transfection With An Allogeneic Class I Major Histocompatibility Complex Gene (H-2L <sup>d</sup> ) <sup>1</sup> " <i>Cancer Research</i> 47: 3136-3140					
	AR	T. Lichtor et al. (1995) "Prolonged Survival of Mice With Glioma Injected Intracerebrally With Double Cytokine-secreting Cells" <i>J. Neurosurg.</i> 83: 1038-1044					
	AS	P. van der Bruggen et al. (1991) "A Gene Encoding an Antigen Recognized By Cytolytic T Lymphocytes on a Human Melanoma" <i>Science</i> 254: 1643-1647					
	AT	D.L. Toffaletti et al. (1983) "Augmentation of Syngeneic Tumor-specific Immunity By Semiallogeneic Cells Hybrids" <i>The Journal of Immunology</i> 130 (6): 2982-2986					
	AU	M.I. Colnaghi (1975) "Histocompatibility Antigens Acting as Helper Determinants for Tumor-associated Antigens of Murine Lymphosarcoma" <i>Eur. J. Immunol.</i> 5: 241-245					
	AV	W. Xu et al. (1998) "Co-expression of Immunogenic Determinants by the Same Cellular Immunogen is Required for the Optimum Immunotherapeutic Benefit in Mice With Melanoma" <i>Cancer Immunol. Immunother.</i> 45: 217-224					
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	AP	D.R. Wang et al. (1985) "Leukemia x Fibroblast Hybrid Cells Prolong the Lives of Leukemic Mice" <i>Eur. J. Cancer Clin. Oncol.</i> 21 (5): 637-645
	AR	W. Liang and E.P. Cohen (1976) "Resistance to Murine Leukemia in Mice Rejecting Syngeneic Somatic Hybrid Cells" <i>The Journal of Immunology</i> 116 (3): 623-626
	AS	W. Liang and E.P. Cohen (1977) "Activation of Specific Cellular Immunity Toward Murine Leukemia in Mice Rejecting Syngeneic Somatic Hybrid Cells" <i>The Journal of Immunology</i> 119 (3): 1054-1060
	AT	B.S. Kim et al. (1979) "Tumor-specific Immunity Induced by Somatic Hybrids" <i>The Journal of Immunology</i> 123 (2): 733-738
	AU	S.L. Garber et al. (1984) "Persistence of the Immunoprotective Effects of Leukemia x Fibroblast Hybrid Cells Toward Leukemia in Histocompatible Mice" <i>Leukemia Research</i> 8 (2): 255-266
	AV	R. Slomski et al. (1984) "Surface Antigens of Immunoprotective Leukaemia x Fibroblast Hybrid Cells Which Have Lost Malignant Properties in Histocompatible Mice Differ From the Malignant Parental Cells" <i>Immunology</i> 52: 281-290

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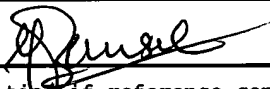
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	AP	W. Liang and E.P. Cohen (1977) "Resistance to Murine Leukemia in Mice Receiving Simultaneous Injections of Syngeneic Hybrid and Parental Neoplastic Cells" <i>The Journal of Immunology</i> 118 (3): 903-908
	AR	J. Jami and E. Ritz (1975) "Tumor-associated Transplantation Antigens in Immune Rejection of Mouse Malignant Cell Hybrids" <i>Proc. Nat. Acad. Sci. USA</i> 72 (6): 2130-2134
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	AT	S.E. Karp et al. (1993) "Cytokine Secretion By Genetically Modified Nonimmunogenic Murine Fibrosarcoma Tumor Inhibition by IL-2 but Not Tumor Necrosis Factor" <i>The Journal of Immunology</i> 150 (3): 896-908
	AU	T.S. Kim et al. (1993) "Independent Cell Types Are Involved in the Induction of Antimelanoma Responses in C57BL/6 Mice Immunized with Interleukin-2-secreting Allogeneic Mouse Fibroblasts Expressing Melanoma-associated Antigens" <i>Journal of Immunotherapy</i> 14: 298-304
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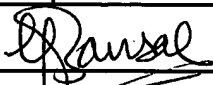
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	AP	T.S. Kim et al. (1993) "Immunization With Interleukin-2-secreting Allogeneic Mouse Fibroblasts Expressing Melanoma-associated Antigens Prolongs the Survival of Mice With Melanoma" <i>Int. J. Cancer</i> 55: 865-872
	AR	D.M. Pardoll (1993) "Cancer Vaccines" <i>Immunology Today</i> 14 (6): 310-316
	AS	D. Pardoll (1992) "New Strategies for Active Immunotherapy With Genetically Engineered Tumor Cells" <i>Current Opinion in Immunology</i> 4: 619-623
	AT	A. Porgador et al. (1993) "Antimetastatic Vaccination of Tumor-bearing Mice With Two Types of IFN- $\lambda$ Gene-inserted Tumor Cells" <i>The Journal of Immunology</i> 150 (4): 1458-1470
	AU	A. Porgador et al. (1993) "Anti-metastatic Vaccination of Tumor-bearing Mice With IL-2-Gene-inserted Tumor Cells" <i>Int. J. Cancer</i> 53: 471-477
	AV	A. Porgador et al. (1992) "Interleukin 6 Gene Transfection into Lewis Lung Carcinoma Tumor Cells Suppresses the Malignant Phenotype and Confers Immunotherapeutic Competence Against Parental Metastatic Cells" <i>Cancer Research</i> 52: 3679-3686

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AP	S.A. Rosenberg (1992) "The Immunotherapy and Gene Therapy of Cancer" <i>Journal of Clinical Oncology</i> 10 (2): 180-199
AR	S.J. Russell et al. (1991) "Decreased Tumorigenicity of a Transplantable Rat Sarcoma Following Transfer and Expression of an IL-2 cDNA" <i>Int. J. Cancer</i> 47: 244-251
AS	J.S. Weber and S.A. Rosenberg (1988) "Modulation of Murine Tumor Major Histocompatibility Antigens by Cytokines in Vivo and in Vitro" <i>Cancer Research</i> 48: 5818-5824
AT	G. Yamada et al. (1987) "Retroviral Expression of the Human IL-2 Gene in a Murine T-Cell Line Results in Cell Growth Autonomy and Tumorigenicity" <i>The EMBO Journal</i> 6 (9): 2705-2709
AU	M. Zöller et al. (1988) "Interferon-gamma Treatment of B16 Melanoma Cells: Opposing Effects for Non-adaptive and Adaptive Immune Defense and its Reflection by Metastatic Spread" <i>Int. J. Cancer</i> 41: 256-266
AV	M. Kasai et al. (1980) "A Glycolipid on the Surface of Mouse Natural Killer Cells" <i>Eur. J. Immunol.</i> 10: 175-180

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	AP	H.F. Oettgen et al. (1990) "Serologic Analysis of Human Cancer" <i>Immunol. Allergy Clin. North. Am.</i> 10 (4): 607-637					
	AR	M. Sarmiento et al. (1985) "IgG or IgM Monoclonal Antibodies Reactive With Different Determinants on the Molecular Complex Bearing LYT 2 Antigen Block T Cell-mediated Cytolysis in the Absence of Complement" <i>J. Immunol.</i> 125 (6): 2665-2672					
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	AT	C. Traversari et al. (1992) "A Nonapeptide Encoded by Human Gene MAGE-1 Is Recognized on HLA-A1 by Cytolytic T Lymphocytes Directed Against Tumor Antigen MZ2-E" <i>J. Exp. Med.</i> 176: 1453-1457					
	AU	R.G. Vile and I.R. Hart (1993) "In Vitro and in Vivo Targeting of Gene Expression to Melanoma Cells" <i>Cancer Res.</i> 53: 962-967					
	AV	M. Wigler et al. (1978) "Biochemical Transfer of Single-copy Eucaryotic Genes Using Total Cellular DNA as Donor" <i>Cell</i> 14: 725-731					
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	AP ✓	H.E. Young et al. (1995) "Mesenchymal Stem Cells Reside Within the Connective Tissues of Many Organs" <i>Dev. Dynamics</i> 202: 137-144
	AR	J. Vieweg et al. (1995) "Considerations for the Use of Cytokine-secreting Tumour Cell Preparations for Cancer Treatment" <i>Cancer Investigation</i> 13 (2): 193-201
	AS	X. Wu et al. (1998) "Co-expression of Immunogenic Determinants by the Same Cellular Immunogen is Required for the Optimum Immunotherapeutic Benefit in Mice Melanoma" <i>Cancer Immunol. Immunother.</i> 45 (5): 217-224
	AT L	D.A. Newton et al. (1997) "Melanoma Cell Hybrids as Cancer Vaccines" <i>Proceedings of the Annual Meeting of the American Association for Cancer Research</i> 38: 398
	AU	D.L. Toffaletti et al. (1983) "Augmentation of Syngeneic Tumor-specific Immunity by Semiallogeneic Cell Hybrids" <i>Journal of Immunology</i> 130 (6): 2982-2986
	AV ✓	B. Payelle et al. (1981) "Adoptive Transfer of Immunity Induced by Semi-allogeneic Hybrid Cells Against Murine Fibrosarcoma" <i>Int. J. Cancer</i> 27: 783-788

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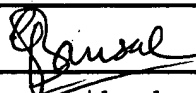
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	AP	O. Mandelboim et al. (1995) "Expression of two H-2K genes, syngeneic and allogeneic, as a strategy for potentiating immune recognition of tumor cells" <i>Gene Therapy</i> 2: 757-765.
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